

# Los Angeles area earthquake probabilities

33.5-35.5 N latitude/116.75-119.75 W longitude

data from [http://www.data.scec.org/eq-catalogs/date\\_mag\\_loc.php](http://www.data.scec.org/eq-catalogs/date_mag_loc.php)

A magnitude range	B # of earthquakes 1983-2012 (30 years) from database	C average # of earthquakes per year	D MRI (mean recurrence interval) in years	E one year probability			
				of earthquake occurring		of earthquake not occurring	
				<i>fractional</i>	%	<i>fractional</i>	%
1.0-1.9	76487						
2.0-2.9	21471						
3.0-3.9	1830						
4.0-4.9	209						
5.0-5.9	26						
6.0-6.9	2						
7.0-7.9	0						
8.0-8.9	0						
9.0-9.9	0						

